

Claims

11. A peptide, which is obtained by substituting one or more amino acids in position No.5-No.8 in the amino acid sequence of FKGEQGPKGE with Alanine and/or Glycine.

12. The peptide according to Claim 11, wherein the amino acid sequence of the said peptide is selected from the group consisting of the following sequences: SEQ ID NO:1, SEQ ID NO:2, SEQ ID NO:3, SEQ ID NO:4, SEQ ID NO:5, SEQ ID NO:6, and SEQ ID NO:7.

13. A pharmaceutical composition comprising:

(a) the peptide according to Claim 11; and

(b) a pharmaceutically accepted carrier and/or adjuvant and/or excipient.

14. The pharmaceutical composition according to Claim 13, wherein the amino acid sequence of the said peptide is selected from the group consisting of the following sequences: SEQ ID NO:1, SEQ ID NO:2, SEQ ID NO:3, SEQ ID NO:4, SEQ ID NO:5, SEQ ID NO:6, and SEQ ID NO:7.

15. The use of the peptide according to Claim 11 in the treatment of rheumatoid arthritis.

16. The use according to Claim 15, wherein the amino acid sequence of the said peptide is selected from the group consisting of the following sequences: SEQ ID NO:1, SEQ ID NO:2, SEQ ID NO:3, SEQ ID NO:4, SEQ ID NO:5, SEQ ID NO:6, and SEQ ID NO:7.